Date: Tue, 31 Aug 93 04:30:25 PDT
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V93 #27
To: Ham-Homebrew

Ham-Homebrew Digest Tue, 31 Aug 93 Volume 93 : Issue 27

Today's Topics:

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

Date: 30 Aug 93 19:04:52 GMT
From: news-mail-gateway@ucsd.edu
Subject: 1/4 shaft extensions/couplings
To: ham-homebrew@ucsd.edu

Does anyone know of a source for 1/4 shaft extensions and shaft
couplings??

I need a few of these for an antenna tuner project.

73,

Larry KQ4BY

Date: 30 Aug 93 16:33:24 GMT
From: uplherc!wpsun4!mb@uunet.uu.net
Subject: How to match caps, inductors?

To: ham-homebrew@ucsd.edu

I'm building Rick Campbell's R2 phasing SSB receiver which appeared earlier this year in QST. The I and Q channels require matched inductors and capacitors. I expect to encounter this kind of requirement in future projects too. What's the best approach? Buy an LC meter or bridge? Throw together a simple oscillator that I can hear on my HF rig and match by frequency of oscillation? Any ideas or suggestions would be very welcome.

--Michael Bendio, WT7J
mb@titan.wordperfect.com

Date: 31 Aug 93 05:16:15 GMT
From: ogicse!uwm.edu!wupost!csus.edu!netcom.com!wa2ise@network.ucsd.edu
Subject: OCTAL PLUGS NEEDED
To: ham-homebrew@ucsd.edu

In article <2148@arrl.org> kirk@arrl.org (Kirk Kleinschmidt, NT0Z) writes:
>I need several OCTAL plugs to use a power supply connectors on
>a home-brew 6AG7/6146 CW rig that's nearing completion.
>
>I have the "shells," but I need a few "plug bodies," to use a
>computer buzzword (I think it's a computer buzzword???)
>
If you mean the males, you may be able to salvage a few from dead octal tubes.

Date: Mon, 30 Aug 1993 17:46:00 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!doc.ic.ac.uk!warwick!bsmail!siva.bris.ac.uk!ard@network.ucsd.edu
To: ham-homebrew@ucsd.edu

References <93226.175105LEEK@QUCDN.QueensU.CA>, <25fvnj$1lp@tribune.usask.ca>, <1993Aug26.171829.2600@cmkrnl.com>rd
Subject : Re: What kits would you like to see?

In article <1993Aug26.171829.2600@cmkrnl.com>, jeh@cmkrnl.com writes...
>In article <25fvnj$1lp@tribune.usask.ca>, gps19@herald.usask.ca (Gregory P. Siemens) writes:
>> Michael Covington (mcovingt@aisun3.ai.uga.edu) wrote:
>> : I'm getting ready to do some free-lance designing, and would like to start
>> : a discussion...
>>

>> : What kind of kits would you like to see offered by companies like Ramsey
>> : and others in the under-$40-per-kit class?
>>
>> : What kinds of construction projects would you like to see featured in
>> : magazine articles?
>
>Hmmmm. How about a set of computerized test equipment based on a PC bus ISA
>foundation module?
>
>Here is a suggestion for the "style" of kit or article: Don't make it a black
>box. Teach the builder something, and try to make some provision for
>"hackability".
>
>I read about the Ramsey 2-meter transceiver with the diode-programmed freq
>selector, with instructions on how to set it up, and I thought that was really
>nifty. Someone who knows something about digital circuits could take that and
>add on a keypad-driven selector, a scanner, lots of things.
>
>This was one area where Heathkit was never very good. You got real good at
>soldering, but you didn't have much chance to learn anything about the circuit
>topology. And of course on their later kits (like the WWV clock) they were
>using things like microprocessors with on-board ROM; If you didn't like the way
>the thing was programmed, that was just too bad. It would be far more fun if
>that ROM was in a separate chip (with commented source code on a disk that
>comes with the kit) so that a user who wanted to could "hack" it a bit. Sure
>this might be a little more expensive, but it's closer to what kit building is
>supposed to be about (imho).

I've had this dream for quite a long time of producing a series of kits (not really decided on what, but computers built from TTL possibly, or high-end modular TV sets (with I2C bus available externally, etc)). I would also want to make available the source code to the ROMs, PALs, etc, probably not in the kit (there are just too many disk formats), but I would attempt to make available a disk in any reasonable format to anyone who has purchased the kit. Or, put them on a BBS.
It's a dream, and I'll probably never do it, but if someone else wants to, go ahead....

Elektor are starting to publish articles where you buy a binary object file on disk for your PC to control it. I won't do that. I often modify the kits that I buy, and to have an essentially undocumented component makes that difficult. One reason I build things is the ability to make modifications to suit my application - to customise the project

>
>   --- Jamie Hanrahan, Kernel Mode Systems, San Diego CA
>Internet: jeh@cmkrnl.com (JH645) Uucp: uunet!cmkrnl!jeh CIS: 74140,2055

-tony

End of Ham-Homebrew Digest V93 #27
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